



Sheet 1 of 1

FORM 1449-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
1232-4511

SERIAL NO.
09/255,549

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Hideo Kawahara and Hitoshi Yasuda

RECEIVED

JUN 28 1999

FILING DATE
February 22, 1999

GROUP ART UNIT
2712

Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
5MA	5,060,074		Kinugasa et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JMA	3-132173 (corresponding to U.S. Patent No. 5,060,074)	5/3/91	Japan				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

5MA		U.S. Patent Application Serial No. 08/968,280 filed November 12, 1997, Tsukamoto et al.

EXAMINER		DATE CONSIDERED 3-12-03
----------	---	----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.